

**AMENDMENTS TO THE SPECIFICATION**

**Please replace the second full paragraph on page 14 with the following amended paragraph:**

Here,  $N_p$  is expressed as:

|  $N_p = N_{PT}/V$ . -----(12)

Further,  $K_c$  is determined through the comparison of and analogy from FIGS. 4 and 5, and based on some of the data not shown here. In the calculation of  $K_c$  based on FIGS. 4 and 5, and some of the data not shown here, the value of  $K_c = 0.004$  has been obtained. The diameter of the particle  $D_p$  and the scattering cross-sectional area  $\Phi$  can be related with each other by Formulae (7) and (9). Hence, the light-extraction efficiency  $E_{out}$  is:

$E_{out} = \exp\{-(\Phi N_p L_G K_c)\}$ ----- (13)

**Please replace the first full paragraph on page 29 with the following amended paragraph:**

BER is an index for indicating the level of disagreement between a digital signal received by the receiver and the original digital signal when a random digital signal is transmitted through a certain communication medium, and is expressed as:

|  $BER = \text{Biter}/\text{Bits}$ ----- (30)

where, Bits is the number of bits transmitted, and Biter is the number of bit errors.